

AMENDMENT TO THE CLAIMS

1. (Original) A monopole antenna comprising:
a helical radiating element including a first longitudinal portion having a first winding pitch and a second longitudinal portion having a second winding pitch; and
a cylindrical radiating element generally coaxial with said helical radiating element and extending along at least most of said first longitudinal portion.
2. (Original) A monopole antenna according to claim 1 and also comprising a dielectric separator located between said helical radiating element and said cylindrical radiating element.
3. (Currently Amended) A monopole antenna according to claim 1 or claim 2 and also comprising a dielectric insert located interior of said helical radiating element and being configured to maintain said first winding pitch of said first longitudinal portion of said helical radiating element.
4. (Currently Amended) A monopole antenna according to any of the previous claims 1 wherein said second winding pitch is greater than said first winding pitch.
5. (Original) A monopole antenna according to claim 4 and wherein said second winding pitch is 40-50% greater than said first winding pitch.
6. (New) A monopole antenna according to claim 2 and also comprising a dielectric insert located interior of said helical radiating element and being configured to maintain said first winding pitch of said first longitudinal portion of said helical radiating element.
7. (New) A monopole antenna according to claim 2 wherein said second winding pitch is greater than said first winding pitch.
8. (New) A monopole antenna according to claim 7 and wherein said second

winding pitch is 40-50% greater than said first winding pitch.

9. (New) A monopole antenna according to claim 3 wherein said second winding pitch is greater than said first winding pitch.

10. (New) A monopole antenna according to claim 9 and wherein said second winding pitch is 40-50% greater than said first winding pitch.

11. (New) A monopole antenna according to claim 6 wherein said second winding pitch is greater than said first winding pitch.

12. (New) A monopole antenna according to claim 11 and wherein said second winding pitch is 40-50% greater than said first winding pitch.